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DATE: 03-09-2025   SUBJECT NAME/CODE: CERES -12   LAB ACT: 4

GUIDELINES:

- Always screen record your activity before posting it on YouTube and GitHub.
- Ensure you provide the IPO on the designated box below.
- Complete all tasks before the week of exams.
- Include the GitHub link on this paper.

LAB ACTIVITY:

This activity involves writing a function that assigns a letter grade to a student based on their score. The function, named assign_grade(score), will take an integer score as input and use if-elif-else statements to assign grades as follows: A (90-100), B (80-89), C (70-79), D (60-69), and F (below 60). If a student enters an invalid score (less than 0 or greater than 100), the function should print a message like "Invalid score! Please enter a value between 0 and 100.". When calling assign_grade(95), the function should print "Grade: A", while assign_grade(50) should print "Grade: F". Students will test the function with various inputs to ensure it assigns the correct grades.

IPO FRAMEWORK BOX

INPUT	PROCESS	OUTPUT
A functions that assign a letter grade to a student based on their score.	By testing the function with various inputs to ensure it assigns the correct grades.	assign=grade (score).

EXPLAIN:

How did you program and divide your process to create the said Activity?

to get the results, I followed the structure of the codes & in order for me to program it. I divided it by using tab to make $ sure that they are on the right positions.

LINKS:

https://youtube.com/shorts/Bskt_9oOnHE?si=ecakfwPTcBIDGSUY